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PATENT
Docket No. 220752000700
FEB 12 2001
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CERTIFICATE OF HAND DELIVERY

I hereby certify that this correspondence is being hand filed with the United States Patent and Trademark Office in Washington, D.C. on February 2, 2001.

R. Lynn Boyden
R. Lynn Boyden

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Paul Zev ZIMMET *et al.*

Serial No.: 09/331,930

Filing Date: June 30, 1999

For: A NOVEL GENE AND USES
THEREFOR

Examiner: Garnette D. Draper

Group Art Unit: 1647



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RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Box Sequence
Commissioner for Patents
Washington, D.C. 20231

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OFFICE OF PETITIONS

Sir:

Enclosed are a paper Sequence Listing and a computer readable version of the Sequence Listing and Statement in Accordance with 37 CFR §§ 1.821-1.825. This substitute copy of the data in computer readable form is filed in response to the Notice to Comply with Requirements for Patent Applications Containing Sequence and/or Amino Acid Sequence Disclosures dated October 2, 2000. The printed Sequence Listing submitted herewith is identical to the Sequence Listing submitted in computer-readable form, as stated in the accompanying Statement. This

paper is submitted to comply with the United States Patent and Trademark Office rules governing nucleotide and amino acid sequences. No new matter is added.

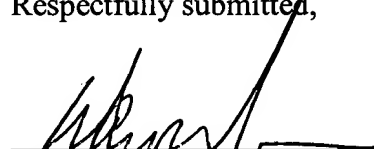
The undersigned hereby states that the content of the paper Sequence Listing filed with the application, and the computer readable copy of the Sequence Listing, submitted in accordance with 37 C.F.R. § 1.821(c) and (e), respectively, are the same. In accordance with 37 C.F.R. § 1.825(d), the undersigned hereby further states that the enclosed substitute copy of the data in computer readable form is identical to that filed previously with the application on June 30, 1999.

In the event that the transmittal letter is separated from this sequence listing and the U.S. Patent Office determines that an extension and/or other relief is required, applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this sequence listing to our **Deposit Account No. 03-1952**. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Respectfully submitted,

Dated: February 2, 2001

By:


Wayne C. Jaeschke, Jr.
Registration No. 38,503

Morrison & Foerster LLP
2000 Pennsylvania Avenue, N.W.
Washington, D.C. 20006-1888
Telephone: (202) 778-1446
Facsimile: (202) 887-0763